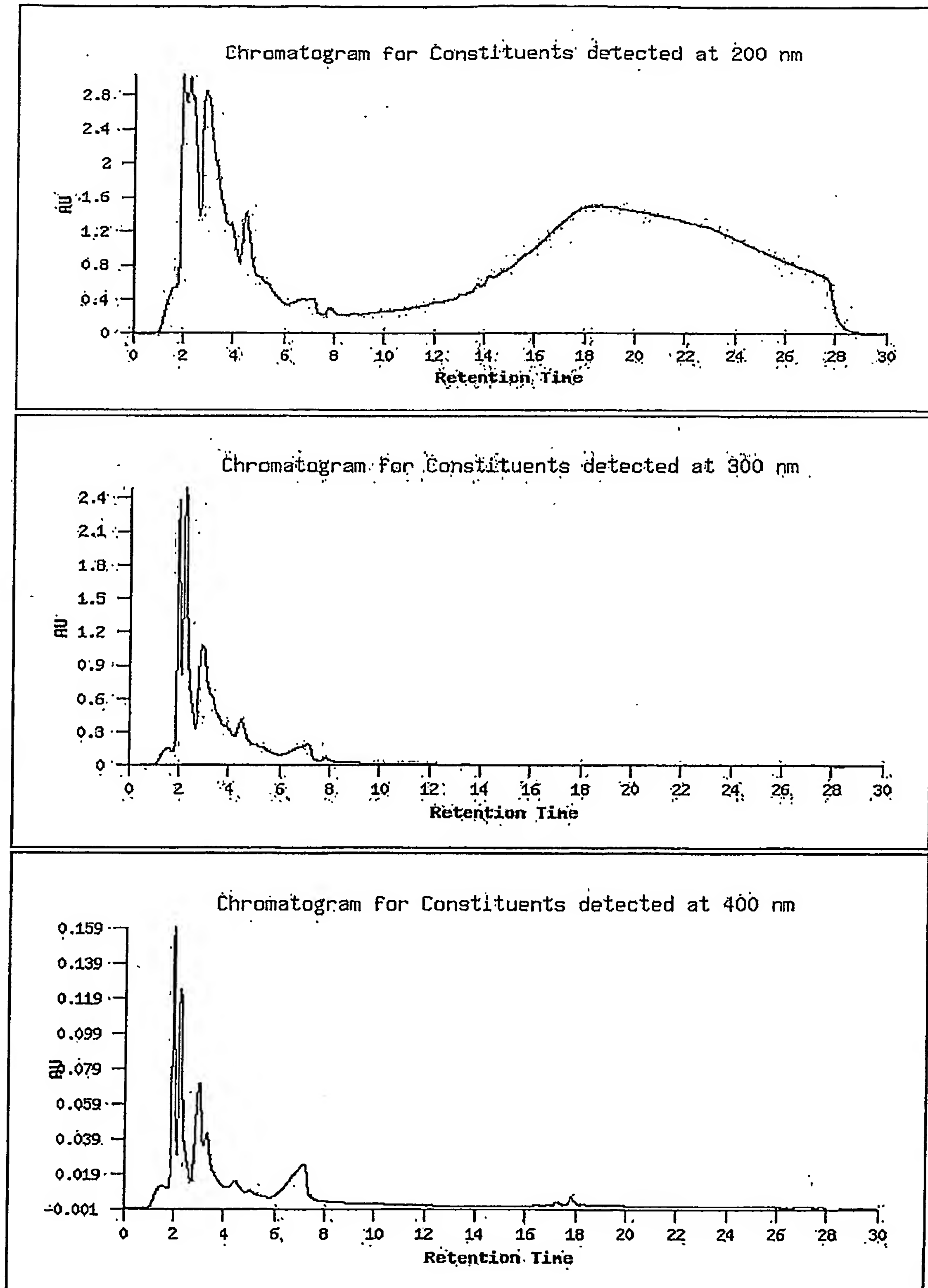
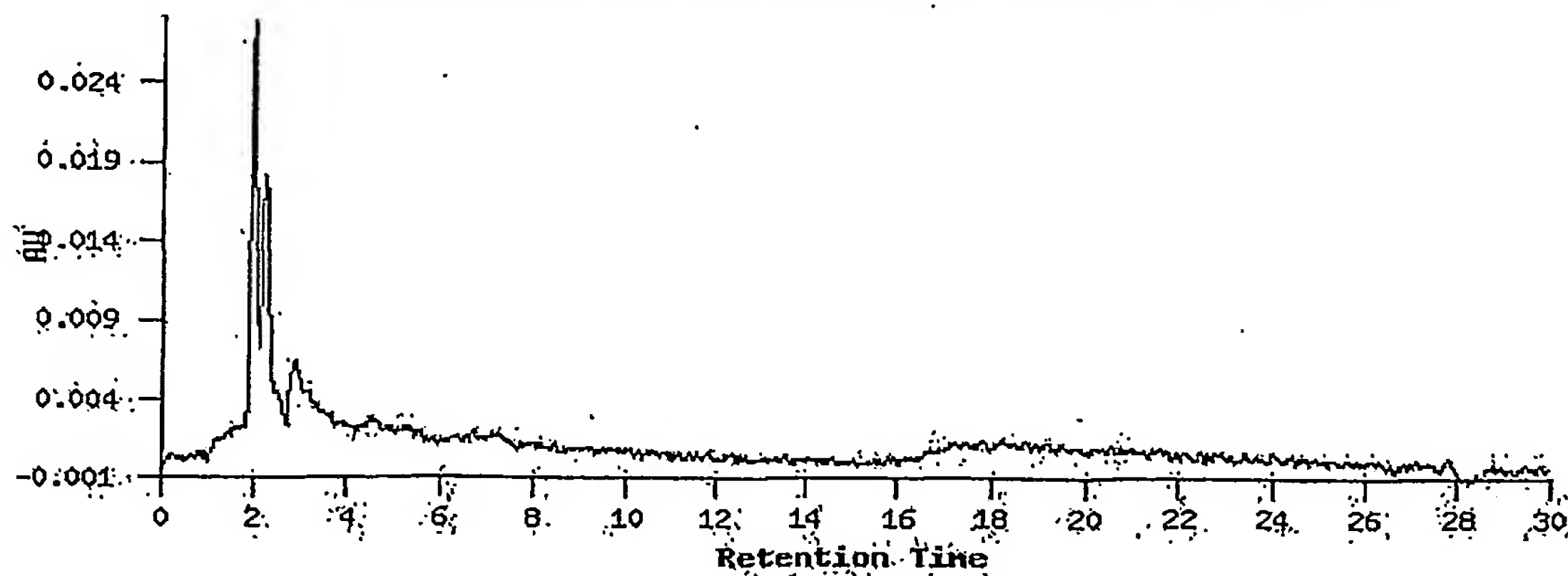


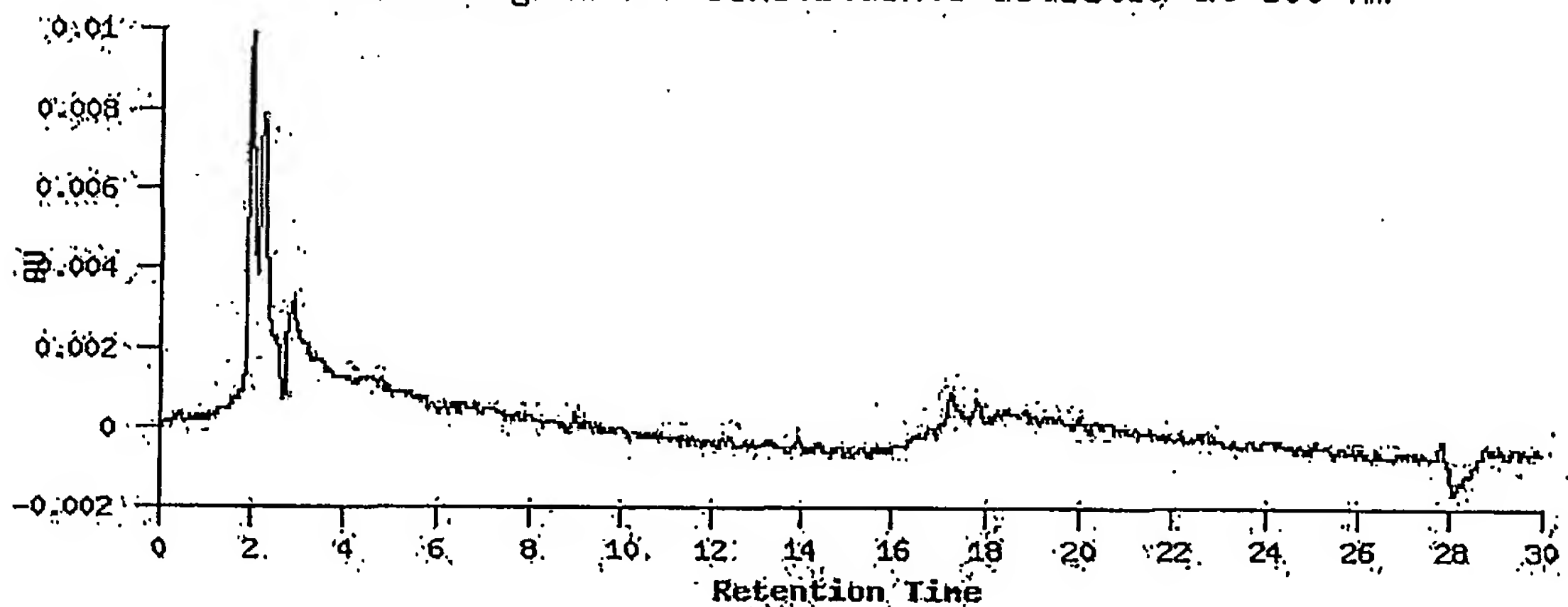
Figure 1: HPLC profile of 20% ethanol extract of *Eugenia jambolana* at various wavelength



Chromatogram for Constituents detected at 500 nm



Chromatogram for Constituents detected at 600 nm



Chromatogram for Constituents detected at 700 nm

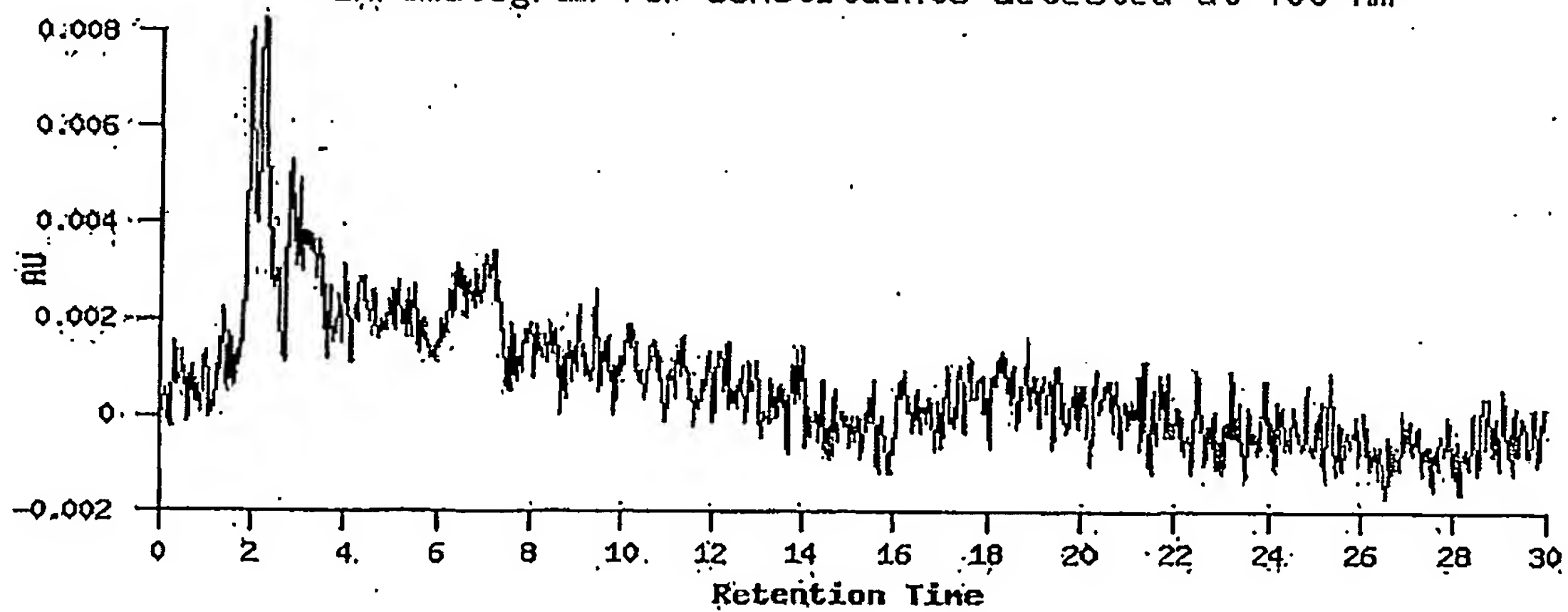


Figure 2 shows HPLC profiles of leads with promising insulin mimetics.

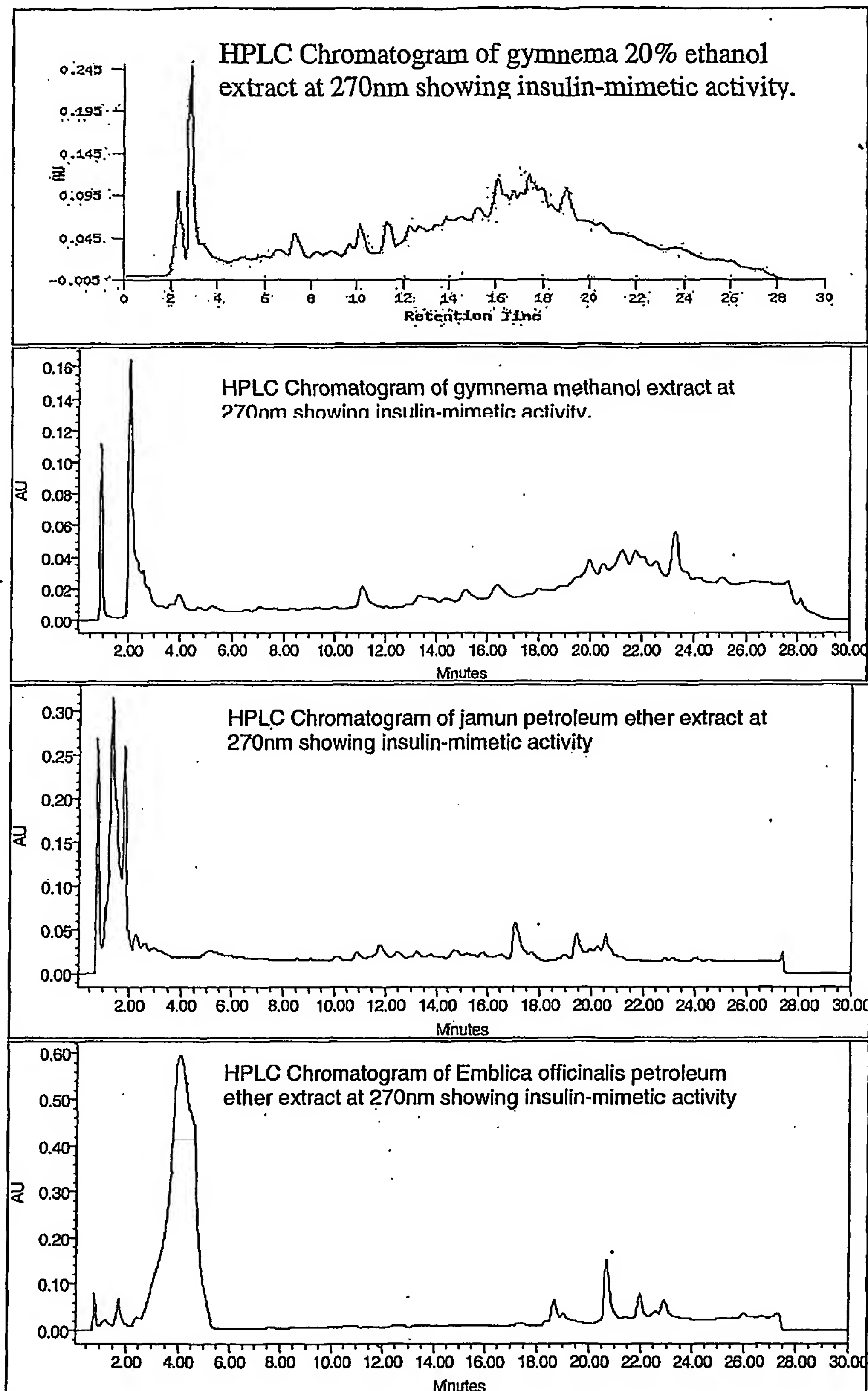


Figure 2 shows HPLC profiles of leads with promising insulin mimetics.

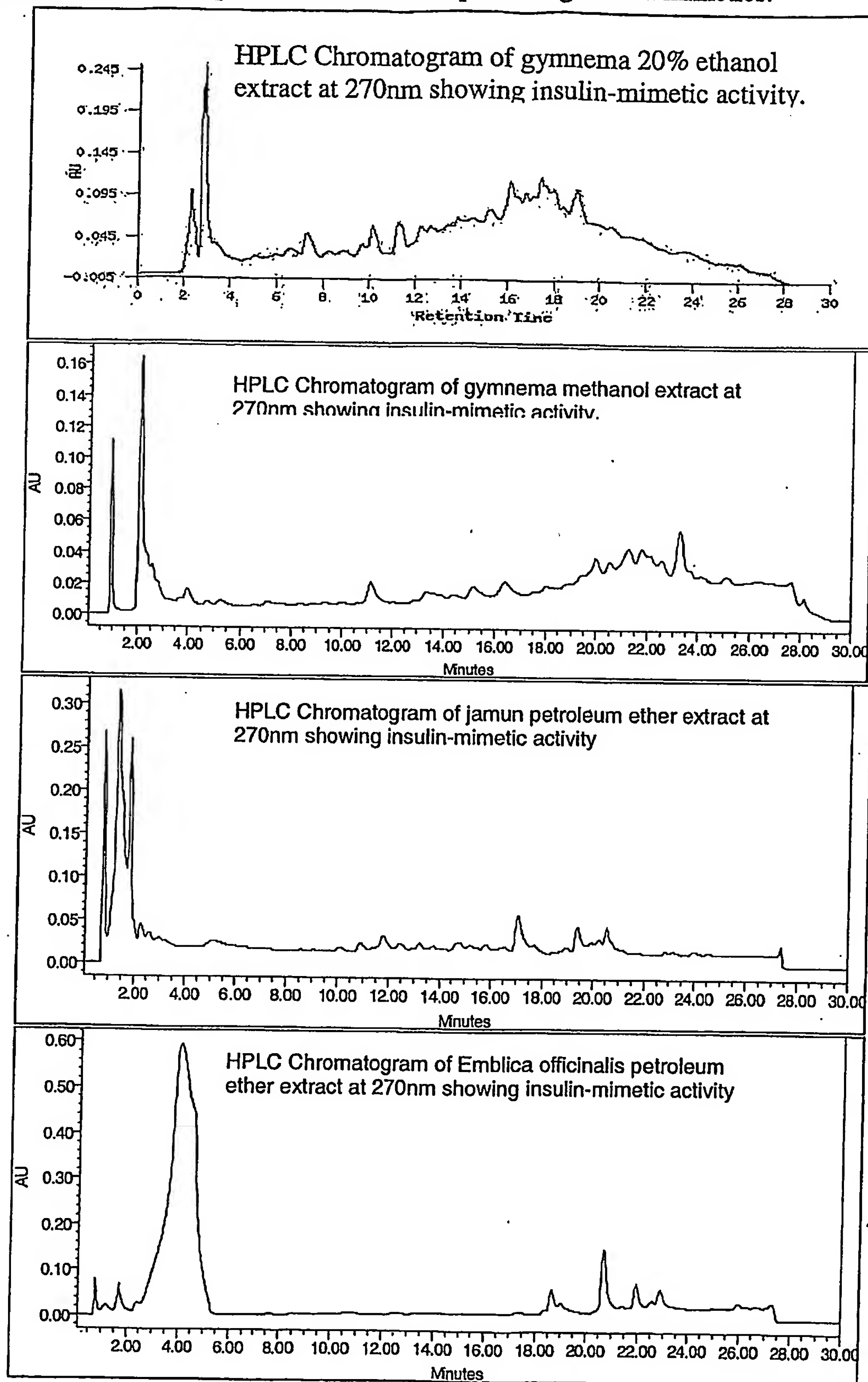


Figure 3 shows the data from table 9 expressed as a percent of the counts observed in the cells + insulin control. Four plant extracts stimulated [^3H]-deoxyglucose uptake by 1.5 to 2-fold above that seen with insulin alone.

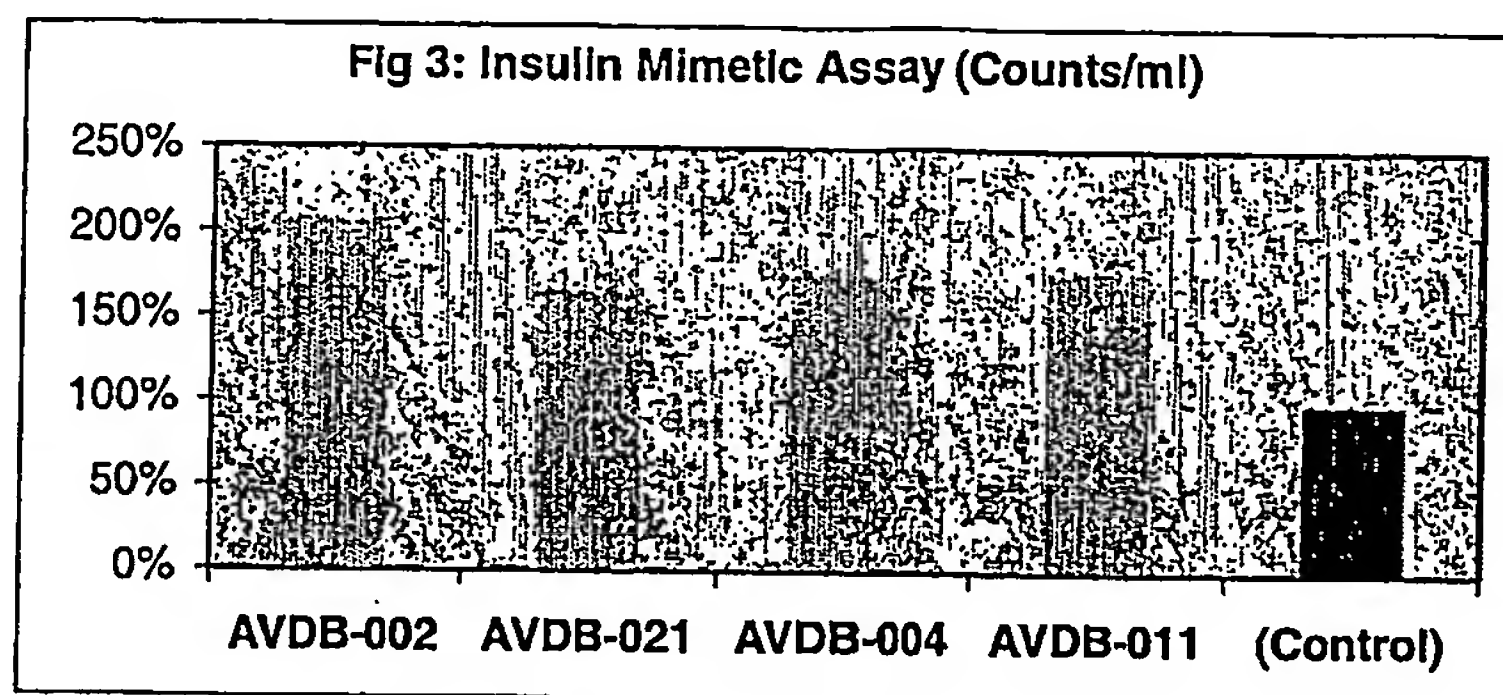


Figure 4 showing HPLC profiles of insulin sensitizers:

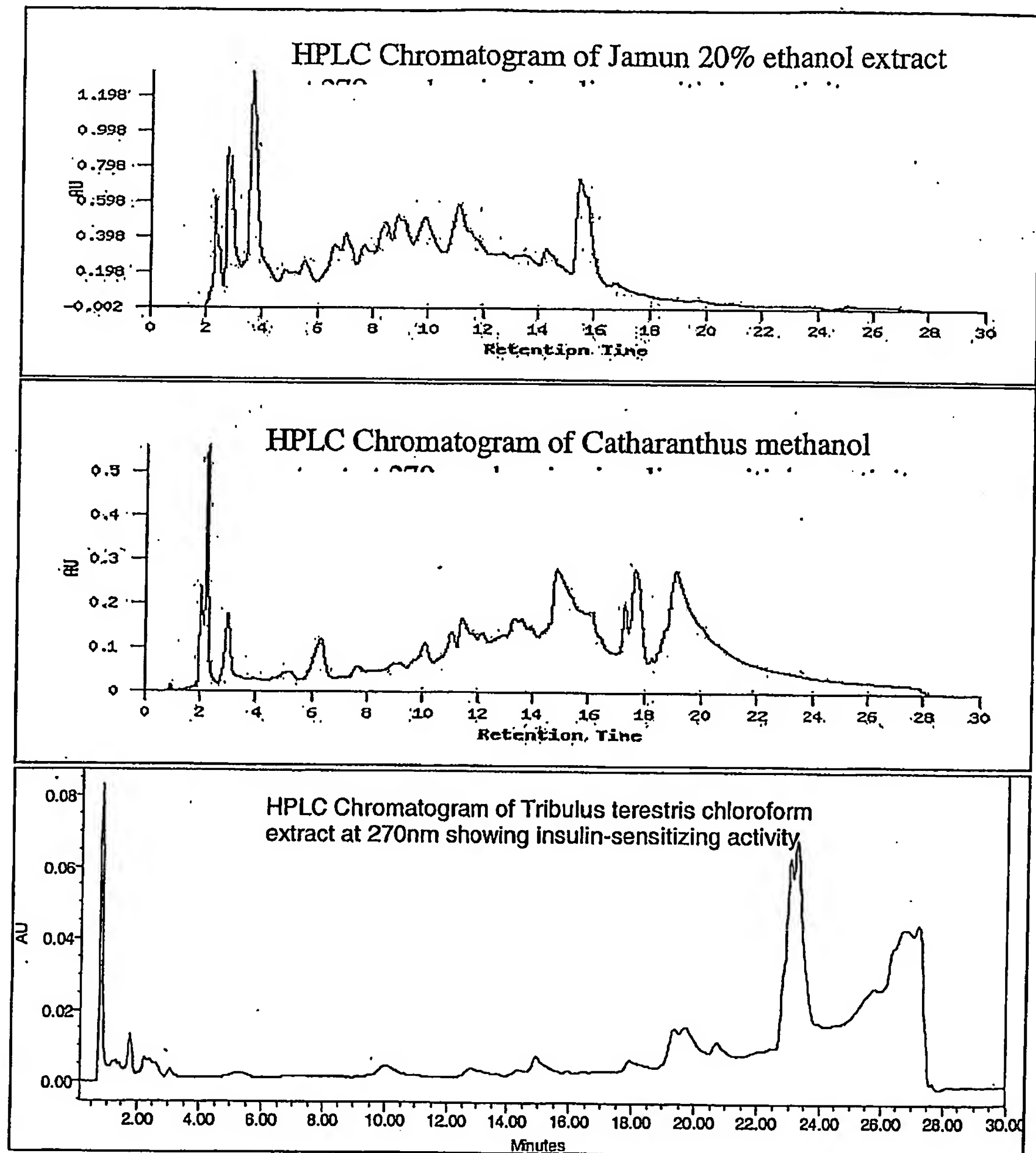


Figure 5: The data from Table 5 are expressed as a percent of the counts observed in the cells + insulin control

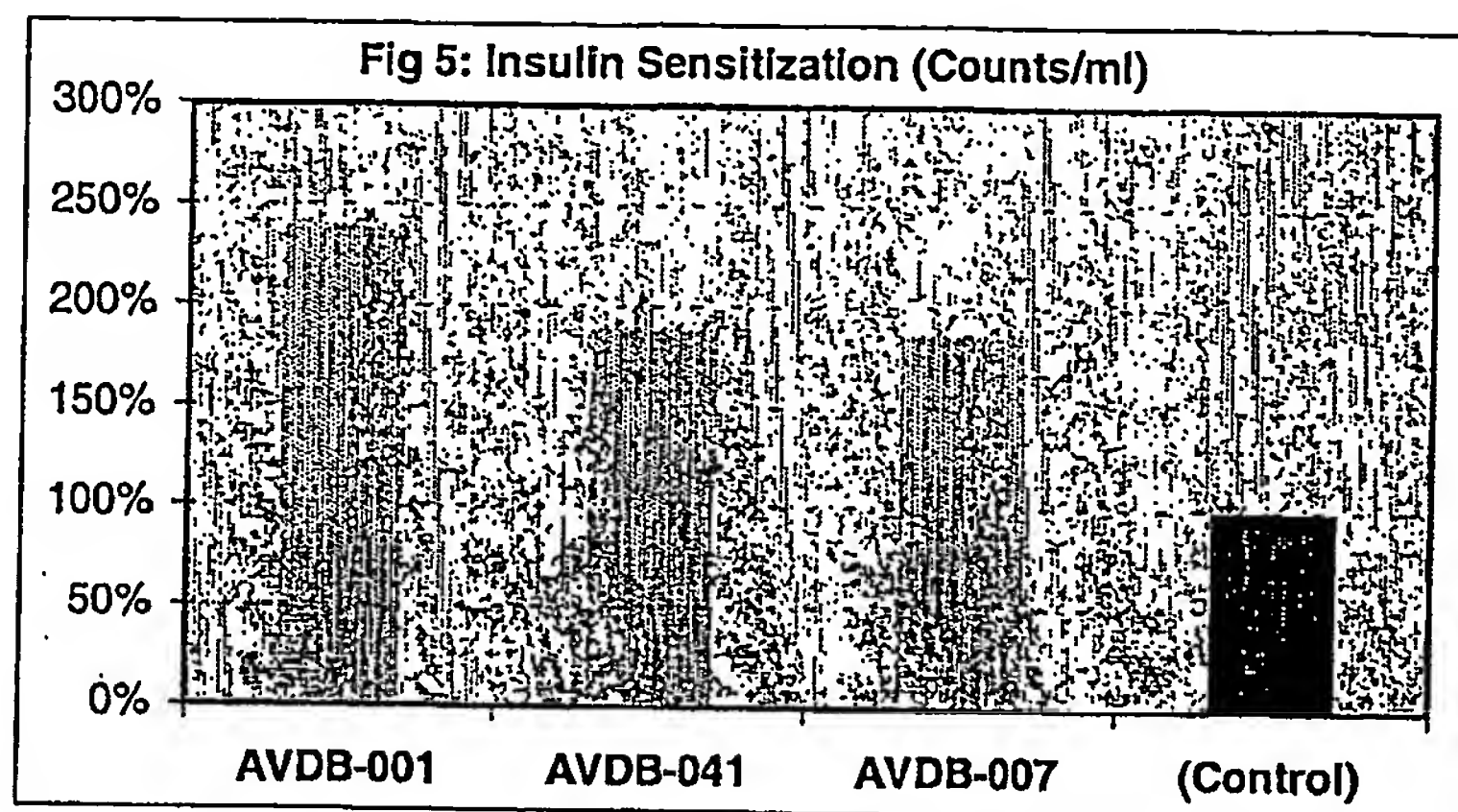


Figure 6: HPLC profiles of medicinal plants that shows alpha-glucosidase inhibitor activities.

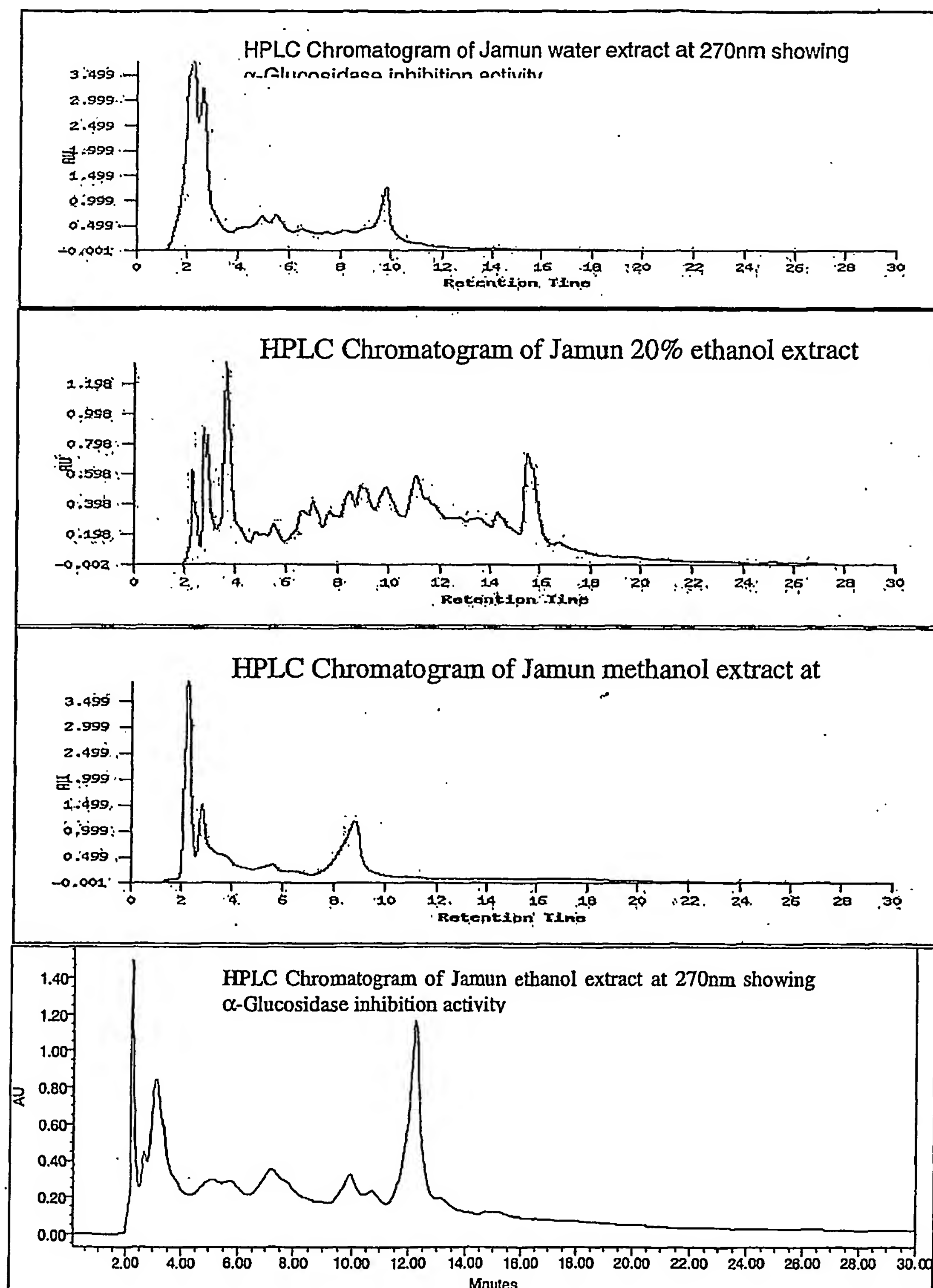


Figure 7: shows that four medicinal plant fractions showed significant α -glucosidase inhibitory activities in the screening procedure. The relative inhibitory potency was calculated a reciprocal of the IC_{50} , using the following formula:

$$\text{Relative Potency} = 1000 / IC_{50}$$

